

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations  
May 2024**

**Pharmacognosy and Phytochemistry I**

**(2017 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays**

**(2x10=20)**

1. a) Write a short note on factors influencing the cultivation of medicinal plants  
b) Write a short note on plant hormones and their applications
2. a) Write a short note on edible vaccines  
b) Write a short note on applications of plant tissue culture

**Short Notes**

**(7x5=35)**

3. Write a short note on alphabetical and morphological classification of drugs.
4. Define adulteration, discuss about different types of adulteration.
5. Write a short note on alkaloids.
6. Explain about biological source, chemical constituents and uses of Cotton and hemp.
7. Write a short note on standardization methods for allergenic extract.
8. Write a short note on source, chemical constituents and evaluation test of honey
9. Discuss marine drugs as a source of antimicrobial with example

**Answer Briefly**

**(10x2=20)**

10. Chemical tests for volatile oil
11. Teratogens.
12. Discuss about polyploidy.
13. Define ex situ conservation of medicinal plants
14. Define hybridization with example
15. Define enzymes with example.
16. Write a note on biological source and uses of cannabis
17. Enlist the types of treatment methods in Ayurveda system of medicine
18. Write notes on carbohydrates
19. Write notes on Gelatin.

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